

Applicant : Baldridge et al.
Appl. No. : 10/757,268
Examiner : Barry, Chester T.
Docket No. : 700145.4003

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-25 were previously cancelled.

26. (Currently Amended) A method for reducing biofilm in an aqueous system, comprising the steps of:

providing a mixture containing a surfactant and a yeast fermentation product, said yeast fermentation product comprising a product of the fermentation of a yeast selected from the group consisting of *Saccharomyces cerevisiae*, *Kluyveromyces marxianus*, *Kluyveromyces lactis*, *Candida utilis* (Torula yeast), *Zygosaccharomyces*, *Pichia*, and *Hansenula*, and

introducing the mixture to an aqueous system containing biofilm.

Please cancel claim 27.

28. (Original) The method of claim 26 wherein said mixture comprises nonionic surfactants from one or more of the classes including alkanolamides, amine oxides, block polymers, ethoxylated primary and secondary alcohols, ethoxylated alkylphenols, ethoxylated fatty esters, sorbitan derivatives, glycerol esters, and polymeric surfactants.

29. (Original) The method of claim 26, wherein said mixture comprises anionic surfactants from one or more of the classes including ethoxylated amines, ethoxylated amides,

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sulfosuccinates and derivatives, sulfates of ethoxylated alcohols, sulfates of alcohols, and polymeric surfactants.

30. (Original) The method of claim 26, wherein said fermentation product is present in said mixture at a concentration of from about 5.0% by weight to about 60.0% by weight, and said mixture is added to the aqueous system to obtain a concentration by weight of the mixture of from about 0.1 part per million to about 25 parts per million.

31. (Original) The method of claim 26, wherein said fermentation product is present in said mixture at a concentration of from about 5.0% by weight to about 50.0% by weight, and said mixture is added to the aqueous system to obtain a concentration by weight of the mixture of from about 1 parts per million to about 5 parts per million.

32. (Original) The method of claim 26, wherein said aqueous system is a crossflow filtration system.

33. (Original) The method of claim 32 wherein said crossflow filtration system is a reverse osmosis system.

34. (Original) The method of claim 26, wherein said mixture further comprises micronutrients.

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35. (Original) The method of claim 34, wherein said micronutrients comprise one or more of the following: diammonium phosphate, ammonium sulfate, magnesium sulfate, zinc sulfate, calcium chloride, vitamins, or amino acids.